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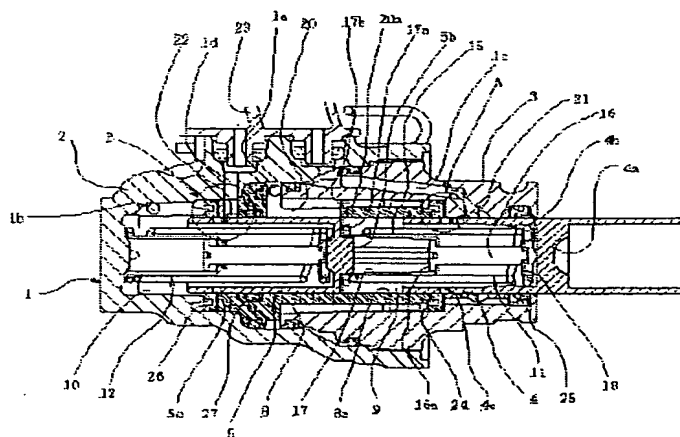
APPLICATION DATE : 19-11-99
APPLICATION NUMBER : 11329107

APPLICANT : BOSCH BRAKING SYSTEMS CO LTD;

INVENTOR : ISHIHARA KIMIO;

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TITLE : MASTER CYLINDER



ABSTRACT : PROBLEM TO BE SOLVED: To provide a master cylinder capable of preventing the generation of residual pressure of brake fluid even if seals 24, 26 are closed by relief holes 4c, 5c, resolving a problem that conventionally, a distance between seals 24, 26 and relief holes 4c, 5c is restrained in decreasing an invalid stroke because an allowance is imparted in the distance so as not to close the relief holes 4c, 5c by the seals 24, 26 in any case when first and second pistons 4, 5 are in inoperable positions in consideration of variations in dimensions of involved parts and dimensional changes with time, besides, unexpected abnormal changes occur on parts or the like even if the distance between the seals 24, 26 and the relief holes 4c, 5c is set in consideration of the variations in dimensions of involved parts and dimensional changes with time, making the close of the relief holes 4c, 5c by the seals 24, 26 inevitable.

SOLUTION: Safety holes 4e, 5e having a smaller diameter than those of relief holes 4c, 5c, are disposed on the rear of the relief holes 4c, 5c, thus it is possible to prevent the generation of residual pressure of brake fluid in first and second pressure chambers 9, 10.

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